

Amendments to the Claims

1-20 (Previously Cancelled).

21. (Currently Amended) A process for analyzing telecommunication network traffic comprising the steps of:

accessing a ~~first~~ call-processing platform;

copying a call detail record from said call processing platform into at least one call detail database ~~for each call processed by said platform;~~

periodically sorting the call detail record by dialed number;

extracting a selected set of call parameters from said call detail record;

aggregating said selected set of call parameters over intervals for each dialed number; ~~at intervals;~~

storing said selected set of call parameters within at least one call parameter table;

and

comparing said selected set of call parameters with a projected change in customer traffic to forecast (i) required network resources and (ii) cost effectiveness based on said comparison.

~~forecasting one of (i) network resources required, and (ii) cost effectiveness based on said comparison.~~

22. (Previously Added) The process of claim 21 wherein said extracting step comprises:

extracting a duration of each call.

23. (Previously Added) The process of claim 21 wherein said extracting step comprises:

extracting an hour of day during which each call occurred.

24. (Previously Added) The process of claim 21 wherein said extracting step comprises:

extracting a date on which each call occurred.

25. (Previously Added) The process of Claim 21 wherein said aggregating step comprises:

summing the total duration of all calls made during each hour of each day.

26. (Previously Added) The process of claim 21 wherein said aggregating step comprises:

summing the total number of calls made during each hour of each day.

27. (Previously Added) The process of claim 21 comprising:
detecting a maximum aggregated duration of calls within an hour for a selected day.

28. (Previously Added) The process of claim 21 comprising:
accessing a second call-processing platform;
copying a call detail record for each call processed by said second platform;
sorting the call detail record of said second platform;
extracting a selected set of call parameters from said call detail record of said second platform; and

aggregating said parameters of said second platform at intervals.

29. (Previously Added) The process of claim 28 comprising:
graphically plotting the selected call parameters of said first platform; and

graphically plotting a second set of selected call parameters from a second platform to compare traffic capacity differences between said first and second platforms.

30. (Previously Added) The process of claim 28 comprising:
generating a table which includes a comparison of the selected call parameters of the first platform to the selected call parameters of the second platform; and
using the table to compare traffic capacity differences between said first and second platforms.

31. (Previously Added) The process of claim 28 comprising:
determining the impact of projected traffic from a future customer on one of said first and second platforms.

32. (Previously Added) The process of claim 28 comprising:
comparing the selected call parameters of said first platform to the call parameters of said second platform to forecast the adequacy of network equipment.

33. (Currently Amended) A process for analyzing telecommunication network traffic comprising the steps of:
accessing first and second call processing platforms;
copying a call detail record for each call processed by each of said first and second platforms into a database;
sorting the call detail records by platform;
extracting a selected set of call parameters from each call detail record;
aggregating said selected set of call parameters of said first and second platforms at intervals; ~~and~~

comparing ~~analyzing~~ said parameters of said first and second platforms with a projected change in customer traffic; and ~~for network traffic management purposes.~~

forecasting network resources required based on at least one result of said comparing step.

34. (Previously Added) The process of claim 33 wherein said extracting step comprises:

extracting a duration of each call;

extracting an hour of day during which each call occurred; and

extracting a date on which each call occurred.

35. (Previously Added) The process of Claim 34 wherein said aggregating step comprises:

summing the total duration of all calls made during each hour of each day.

36. (Previously Added) The process of claim 33 wherein said aggregating step comprises:

summing the total number of calls made to each dialed number during each hour of each day.

37. (Previously Added) The process of claim 33 wherein said analyzing step comprises:

graphically plotting the selected call parameters of the first platform; and

graphically plotting the selected call parameters of the second platform to

compare traffic capacity differences between said platforms.

38. (Previously Added) The process of claim 33 wherein said analyzing step comprises:

generating a table which includes a comparison of the selected call parameters of the first platform to the selected call parameters of the second platform; and
using the table to compare traffic capacity differences between the platforms.

39. (Previously Added) The process of claim 33 wherein the analytical step comprises:

determining the impact of projected traffic from a future customer on one of said first and second platforms.

40. (Previously Added) The process of claim 33 wherein the analytical step comprises:

comparing the selected call parameters of said first platform to the call parameters of said second platform to forecast the adequacy of network equipment.